

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/716,985

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/716,985

DATE: 10/18/2004

TIME: 09:59:41

Input Set : N:\Crf3\RULE60\10716985.raw.txt

Output Set: N:\CRF4\10182004\J716985.raw

1 <110> APPLICANT: Paul B. Fisher and Ruoquian Shen  
 2 <120> TITLE OF INVENTION: DEVELOPMENT OF DNA PROBES AND IMMUNOLOGICAL REAGENTS  
 SPECIFIC FOR CELL  
 3 SURFACE-EXPRESSED MOLECULES AND TRANSFORMATION-ASSOCIATED GENES  
 4 <130> FILE REFERENCE: 0667/37590-C-PCT-US  
 5 <140> CURRENT APPLICATION NUMBER: US/10/716,985  
 6 <141> CURRENT FILING DATE: 2003-11-19  
 7 <150> PRIOR APPLICATION NUMBER: US/08/875,553  
 8 <151> PRIOR FILING DATE: 1998-05-28  
 9 <160> NUMBER OF SEQ ID NOS: 43  
 10 <170> SOFTWARE: PatentIn version 3.0  
 12 <210> SEQ ID NO: 1  
 13 <211> LENGTH: 20  
 14 <212> TYPE: DNA  
 15 <213> ORGANISM: Artificial Sequence  
 16 <220> FEATURE:  
 17 <221> NAME/KEY: misc\_feature  
 18 <222> LOCATION: ()..()  
 19 <223> OTHER INFORMATION: Primer  
 20 <400> SEQUENCE: 1  
 21 gagtctgaat agggcgactt 20  
 23 <210> SEQ ID NO: 2  
 24 <211> LENGTH: 20  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Artificial Sequence  
 27 <220> FEATURE:  
 28 <221> NAME/KEY: misc\_feature  
 29 <222> LOCATION: ()..()  
 30 <223> OTHER INFORMATION: Primer  
 31 <400> SEQUENCE: 2  
 32 agtcagtaca gctagatgcc 20  
 34 <210> SEQ ID NO: 3  
 35 <211> LENGTH: 25  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial Sequence  
 38 <220> FEATURE:  
 39 <221> NAME/KEY: misc\_feature  
 40 <222> LOCATION: ()..()  
 41 <223> OTHER INFORMATION: Primer  
 42 <400> SEQUENCE: 3  
 43 agacacaggc caggtatttc aggtc 25  
 45 <210> SEQ ID NO: 4  
 46 <211> LENGTH: 25  
 47 <212> TYPE: DNA

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48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <221> NAME/KEY: misc_feature
51 <222> LOCATION: ()..()
52 <223> OTHER INFORMATION: Primer
53 <400> SEQUENCE: 4
54     cacgatggtg tccttgatcc acttc
56 <210> SEQ ID NO: 5
57 <211> LENGTH: 21
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <221> NAME/KEY: misc_feature
62 <222> LOCATION: ()..()
63 <223> OTHER INFORMATION: Primer
64 <400> SEQUENCE: 5
65     tcttactcct tggaggccat g
67 <210> SEQ ID NO: 6
68 <211> LENGTH: 21
69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: ()..()
74 <223> OTHER INFORMATION: Primer
75 <400> SEQUENCE: 6
76     cgtcttcacc accatggaga a
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 20
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: ()..()
85 <223> OTHER INFORMATION: Primer
86 <400> SEQUENCE: 7
87     aagctgacgc ctcatttgca
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 20
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: ()..()
96 <223> OTHER INFORMATION: Primer
97 <400> SEQUENCE: 8
98     aaccaccaat ggaactgggt
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 25

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102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: ()..()
107 <223> OTHER INFORMATION: Primer
108 <400> SEQUENCE: 9
109     agacacaggc caggtatttc aggtc
110                                     25
111 <210> SEQ ID NO: 10
112 <211> LENGTH: 25
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: ()..()
118 <223> OTHER INFORMATION: Primer
119 <400> SEQUENCE: 10
120     cacgatggtg tccttgatcc acttc
121                                     25
122 <210> SEQ ID NO: 11
123 <211> LENGTH: 21
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <221> NAME/KEY: misc_feature
128 <222> LOCATION: ()..()
129 <223> OTHER INFORMATION: Primer
130 <400> SEQUENCE: 11
131     tcttactcct tggaggccat g
132                                     21
133 <210> SEQ ID NO: 12
134 <211> LENGTH: 21
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: ()..()
140 <223> OTHER INFORMATION: Primer
141 <400> SEQUENCE: 12
142     cgtcttcacc accatggaga a
143                                     21
144 <210> SEQ ID NO: 13
145 <211> LENGTH: 59
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: ()..()
151 <223> OTHER INFORMATION: Primer
152 <400> SEQUENCE: 13
153     cggccccgagc tcgtgccgaa ttccggccccga gagcggtataa gtgtgatggc gtacatctt
154                                     59
155 <210> SEQ ID NO: 14

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## RAW SEQUENCE LISTING

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156 <211> LENGTH: 14
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
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160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: ()..()
162 <223> OTHER INFORMATION: Primer
163 <400> SEQUENCE: 14
164      tttttttttt ttgc
166 <210> SEQ ID NO: 15
167 <211> LENGTH: 24
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: ()..()
173 <223> OTHER INFORMATION: Primer
174 <400> SEQUENCE: 15
175      accgacgtcg actatccatg aaca
177 <210> SEQ ID NO: 16
178 <211> LENGTH: 20
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <221> NAME/KEY: misc_feature
183 <222> LOCATION: ()..()
184 <223> OTHER INFORMATION: Primer
185 <400> SEQUENCE: 16
186      aactaagtgg aggaccgaac
188 <210> SEQ ID NO: 17
189 <211> LENGTH: 22
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <221> NAME/KEY: misc_feature
194 <222> LOCATION: ()..()
195 <223> OTHER INFORMATION: Primer
196 <400> SEQUENCE: 17
197      ccttgcatat taacataact cg
199 <210> SEQ ID NO: 18
200 <211> LENGTH: 19
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: ()..()
206 <223> OTHER INFORMATION: Primer
207 <400> SEQUENCE: 18
208      aagtcgccct attcagact

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Input Set : N:\Crf3\RULE60\10716985.raw.txt

Output Set: N:\CRF4\10182004\J716985.raw

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210 <210> SEQ ID NO: 19
211 <211> LENGTH: 23
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: ()..()
217 <223> OTHER INFORMATION: Primer
218 <400> SEQUENCE: 19
219      ccttgcatat taacataact cgc
221 <210> SEQ ID NO: 20
222 <211> LENGTH: 20
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <221> NAME/KEY: misc_feature
227 <222> LOCATION: ()..()
228 <223> OTHER INFORMATION: Primer
229 <400> SEQUENCE: 20
230      aagtcgccct attcagactc
232 <210> SEQ ID NO: 21
233 <211> LENGTH: 20
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <221> NAME/KEY: misc_feature
238 <222> LOCATION: ()..()
239 <223> OTHER INFORMATION: Primer
240 <400> SEQUENCE: 21
241      aactaactgg aggaccgaac
243 <210> SEQ ID NO: 22
244 <211> LENGTH: 2128
245 <212> TYPE: DNA
246 <213> ORGANISM: Human
247 <400> SEQUENCE: 22
248      gtatacgaaa tcataaaatc tcatagatgt atcctgagta gggcgggggcc cgtgaaaccc
249      tctgaatctg cggccaccac ccggttaaggc taaatactaa tcagacaccg atagtgaact
250      agtaccgtga gggaaagggtg aaaagaaccc gagagggggag tgaaatagat tctgaaacca
251      tttacttaca agtgggtccat ttacttaca gtgtcagagc acgttaaagt gtgatggcgt
252      acatcttgca gtatgggccc ggcagttatg ttaatatgca aggttaagca gaaaaaagcg
253      gagccgtagg gaaaccgagt ctgaataggg cgactttagt atattggcat ataccgaaa
254      tcagggtgac tatccatgag caggttgaag cttaggtaaa actaagtgga ggaccgaacc
255      gtagtacgct aaaaagtgcc cggatggact tgtggatagt ggtgaaattc caatcgaacc
256      tggagatagc tggttctctt cgaaatagct ttagggctag cgtatagtat tgtttaatgg
257      gggtagagca ctgaatgtgg aatggcggca tctagctgta ctgactataa tcaaactccg
258      aataccatta aaattaagct atgcagtcgg aacgtgggtat caccattgat atctccttgt
259      ggaaatttga gaccagcaag tactatgtga ctatcattga tgccccagga cacagagact
260      ttatccaaaa catgattaca gggacctctc aggctgactg tgctgtcctg attgttgctg
261      ctggtgttgg tgaatttgaa gctgggtatct ccaagaatgg gcagaccgca cagcatgccc

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/716,985

DATE: 10/18/2004  
TIME: 09:59:42

Input Set : N:\Crf3\RULE60\10716985.raw.txt  
Output Set: N:\CRF4\10182004\J716985.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 2

**VERIFICATION SUMMARY**

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Input Set : N:\Crf3\RULE60\10716985.raw.txt

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